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AF/GAU 2812

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Hiroyuki KINOSHITA et al.

Serial No: 08/808,315

Filed: February 27, 1997

For: SAPPHIRE MONOCRYSTAL,  
SEMICONDUCTOR LASER DIODE  
USING THE SAME FOR  
SUBSTRATE, AND METHOD FOR  
MANUFACTURING THE SAME

Art Unit: 2812

Examiner: Q. Leung

Assistant Commissioner for Patents  
Washington, D.C. 20231

Dear Sir:

Transmitted herewith is an amendment in the above-identified application.

- ☐ Small entity status of this application under 37 C.F.R. §§ 1.9 & 1.27 has been established by a verified statement previously submitted.
- ☐ A verified statement to establish small entity status under 37 C.F.R. §§ 1.9 & 1.27 is enclosed.
- ☐ A certified copy of \_\_\_ Patent Application No. \_\_\_ filed \_\_\_ from which priority is claimed under 35 U.S.C. § 119 is enclosed.

The fee has been calculated as shown below:

	(Col. 1) CLAIMS REMAINING AFTER AMENDMENT		(Col. 2) HIGHEST NUMBER PREVIOUSLY PAID FOR	(Col. 3) PRESENT EXTRA*	LG/SM \$ ENTITY FEE		ADD'L FEE DUE
TOTAL CLAIMS FEE	5	-	20**	0	LG=\$18 SM=\$9	\$18	\$ 0
INDEPENDENT CLAIMS FEE	3	-	3***	0	LG=\$78 SM=\$39	\$78	\$ 0
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIMS					LARGE ENTITY FEE = \$260 SMALL ENTITY FEE = \$130		\$ 0
TOTAL							\$ 0

\* If the entry in Col. 1 is less than the entry in Col. 2, write "0" in Col. 3.

\*\* If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, write "20" in this space.

\*\*\* If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, write "3" in this space. The "Highest Number Previously Paid For" (Total or Independent) is the highest number found from the equivalent box on Col. 1 of a prior amendment or the number of claims originally filed.

- ☐ A check in the amount of \$ 0 to cover the additional claims fee is enclosed. **A copy of this sheet is enclosed.**
- ☐ A check in the amount of \$ to cover the extension fee is enclosed. **A copy of this sheet is enclosed.**
- ☒ The Commissioner is hereby authorized to charge any deficiencies of fees associated with this communication or credit any overpayment to Deposit Account No. 12-1820. **A copy of this sheet is enclosed.**
- ☒ Any filing fees under 37 C.F.R. § 1.16 for the presentation of extra claims
- ☒ Any patent application processing fees under 37 C.F.R. § 1.17

Respectfully submitted,

LOEB &amp; LOEB LLP

By: 

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Response Under 37 C.F.R. §1.116-  
Expedited Procedure  
PATENT  
247/PD-5385

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Hiroyuki Kinoshita et al.

Serial No: 08/808,315

Filed: February 27, 1997

For: Sapphire Monocrystal, Semiconductor  
Laser Diode Using the Same for  
Substrate, and Method for  
Manufacturing the Same

Art Unit: 2812

Examiner: Q. Leung

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to:

Assistant Commissioner for Patents  
Washington D.C. 20231, on

March 6, 2000

Date of Deposit

John P. Scherlachier

Name

John P. Scherlachier

Signature

03/06/00

Date

AMENDMENT AFTER FINAL REJECTION

RESPONSE UNDER 37 CFR 1.116

Assistant Commissioner for Patents  
Washington, D.C. 20231

Dear Sir:

In response to the Office Action dated December 8, 1999, please amend the above-referenced application as follows:

IN THE SPECIFICATION:

On page 9, line 13, please delete "may be" (which was added by the previous amendment of September 23, 1999) and insert --is widely-- therefor.

IN THE CLAIMS:

Please amend claim 17 as follows:

17. (Amended) A tool comprising a sapphire monocrystal body having a sharp edge formed by a working plane and a cleavage plane parallel to a plane R of the sapphire monocrystal, the angle between the working plane and the cleavage plane being less than about 70 degrees.